

## NTIA COMPLIANCE IMPLEMENTATION PLAN

1. **Purpose.** To establish guidelines for the migration to NTIA Compliant Narrowband FM and HF compliant communications equipment within California Wing.

2. **Scope.** This plan shall govern all repeater backbone, digipeater, VHF, HF systems, existing and proposed, operated by California Wing, Nevada Wing, or Pacific Region, or any CAP unit communicating within the geographical boundaries of the State of California.

3. **General.** This plan will describe the distribution and implementation of DoD supplied NTIA compliant equipment. Effective 1 Jan. 2002 only NTIA compliant HF and VHF-FM communications equipment can be used in accordance with sunset dates established by the National DOK, which can be found at the National Technology Website [www.ntc.cap.gov](http://www.ntc.cap.gov). Full migration to narrowband FM is expected by 1 Jan. 2006. Non compliant equipment must be taken out of service and is no longer authorized for use under a station's Radio Station Authorization (Callsign).

4. **HF.** Compliant equipment from DoD is, but not limited to the Motorola Micom II transceiver. This radio will replace CAP owned non-compliant Kenwood, Heathkit, and TenTec equipment. DoD provided Motorola Micom II transceivers, as received, will be distributed to Wing HF net control stations, relay stations, Group and Squadron net control stations and to member operated stations in that order.

5. **VHF-FM.** Compliant equipment from DoD is, but not limited to the Tait T-2020 and EF Johnson Stealth transceivers. These radios will replace CAP owned and member owned, non-compliant Kenwood, ICOM, Yaesu and other equipment that is not NTIA wideband or narrowband compliant. DoD

provided VHF-FM transceivers, as received, will be distributed one to each Group and Squadron net control station, one to Emergency Services Corporate Aircraft, Ground Team Leaders, Ground Team Members, Communications Staff, Counter Drug and to member operated stations in that order.

6. **Repeaters.** All VHF-FM repeaters in California Wing are wideband compliant. Replacement of the existing backbone repeater system will be through installation of DoD provided repeaters or a modification of the existing GE Mstr II repeaters that brings them into compliance with NTIA narrowband specifications. High volume, primary repeaters will be replaced by DoD provided Motorola Quantars, or other designated substitute equipment, as it becomes available. The CAWG Communication Engineering Staff will determine migration of the remaining backbone based on traffic volume and or other site requirements.